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(54) **Hard film and hard film coated tool**

(57) A hard film formed by an arc-discharge ion-plating method, having a composition comprising metal components represented by $Al_xCr_{1-x}Si_y$, wherein x and y are respectively atomic ratios meeting $0.45 \leq x \leq 0.75$, $0 \leq y \leq 0.35$, and $0.5 \leq x + y < 1$, and non-metal components represented by $N_{1-\alpha-\beta}B_\alpha C_\beta O_\gamma$, wherein α , β and γ are respectively atomic ratios meeting $0 \leq \alpha \leq 0.15$, 0

$\leq \beta \leq 0.35$, and $0.003 \leq \gamma \leq 0.25$, the hard film having an NaCl-type crystal structure, with a half width of 2θ at an X-ray diffraction peak corresponding to a (111) face or a (200) face being $0.5-2.0^\circ$, and the hard film containing oxygen more in grain boundaries than in crystal grains.

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EUROPEAN SEARCH REPORT

Application Number
EP 03 02 6508

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 June 2004	Examiner Ekhuitt, H
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Application Number
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